

I claim:

Sub A3

A three piece solid golf ball comprising:
a center core, an intermediate layer, and a cover
enclosing the core through the intermediate layer;
said center core having a diameter of at least 29
5 mm (1.1417 inches) and a specific gravity of less than 1.4;

said intermediate layer having a thickness of at
least 1 mm (0.03937 inches), a specific gravity of less than 1.2,
and a hardness of at least 85 on JIS C (Shore C) scale, the
specific gravity of said intermediate layer being lower than the
10 specific gravity of said center core; and

said cover having a thickness of 1 to 3 mm
(0.03937 to 0.1182 inches) and being softer than said
intermediate layer.

2. The golf ball of claim 1 wherein said intermediate
layer is formed of a high repulsion ionomer resin base
composition.

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3. The golf ball of claim 1 wherein said center core
has a hardness of 45 to 80 on JIS C scale and said cover has a
hardness of 50 to 85 on JIS C scale.

4. The golf ball of claim 1 wherein said center core
is comprised of a polybutadiene base rubber composition.

Sub.B3> 5. The golf ball of claim 1 wherein the diameter of said center core is in the range of 29-37 mm.

6. The golf ball of claim 1 wherein a difference in the specific gravity between the center core and the intermediate layer is in the range of 0.1 to 0.5.

7. The golf ball of claim 1 wherein the specific gravity of said intermediate layer is in the range of 0.9 to 1.0.

Sub.B4> 8. The golf ball of claim 1 wherein the hardness of said intermediate layer is in the range of 85 - 100 on JIS C.

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